

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/207,170ADATE: 03/01/1999  
TIME: 14:08:53

INPUT SET: S30853.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

ENTERED

1  
2  
3  
4 (1) General Information:  
5 (i) APPLICANT: Perkin-Elmer Corporation,  
6 Applied Biosystems Division  
7 (ii) TITLE OF INVENTION: HYBRIDIZATION ASSAY USING SELF-QUENCHING FLUORESCENC  
8 (iii) NUMBER OF SEQUENCES: 14  
9 (iv) CORRESPONDENCE ADDRESS:  
10 (A) ADDRESSEE: David J. Weitz,  
11 Haynes & Davis  
12 (B) STREET: 2180 Sand Hill Road, Suite 310  
13 (C) CITY: Menlo Park  
14 (D) STATE: California  
15 (E) COUNTRY: USA  
16 (F) ZIP: 94025-6935  
17 (v) COMPUTER READABLE FORM:  
18 (A) MEDIUM TYPE: 3.5 inch diskette  
19 (B) COMPUTER: IBM compatible  
20 (C) OPERATING SYSTEM: Microsoft Windows 3.1/DOS 5.0  
21 (D) SOFTWARE: Wordperfect for windows 6.0,  
22 ASCII (DOS) TEXT format  
23  
24 (vi) CURRENT APPLICATION DATA:  
25 (A) APPLICATION NUMBER:  
26 (B) FILING DATE:  
27 (C) CLASSIFICATION:  
28  
29 (vii) PRIOR APPLICATION DATA:  
30 (A) APPLICATION NUMBER: 08/340,558  
31 (B) FILING DATE: 16-NOV-94  
32  
33 (viii) ATTORNEY/AGENT INFORMATION:  
34 (A) NAME: David J. Weitz  
35 (B) REGISTRATION NUMBER: 38,362  
36 (C) REFERENCE/DOCKET NUMBER: PELM4264CIP2  
37  
38 (ix) TELECOMMUNICATION INFORMATION:  
39 (A) TELEPHONE: (415) 233-0188  
40 (B) TELEFAX: (415) 233-1129  
41  
42 (2) INFORMATION FOR SEQ ID NO: 1:  
43 (i) SEQUENCE CHARACTERISTICS:  
44 (A) LENGTH: 24 nucleotides  
45 (B) TYPE: nucleic acid  
46 (C) STRANDEDNESS: single

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/207,170ADATE: 03/01/1999  
TIME: 14:08:53

INPUT SET: S30853.raw

47 (D) TOPOLOGY: linear  
48 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
49 ACCCACAGGA ACTGATCACC ACTC 24  
50  
51 (2) INFORMATION FOR SEQ ID NO: 2:  
52 (i) SEQUENCE CHARACTERISTICS:  
53 (A) LENGTH: 26 nucleotides  
54 (B) TYPE: nucleic acid  
55 (C) STRANDEDNESS: single  
56 (D) TOPOLOGY: linear  
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
58 ATGTCGCGTT CCGGCTGACG TTCTGC 26  
59  
60 (2) INFORMATION FOR SEQ ID NO: 3:  
61 (i) SEQUENCE CHARACTERISTICS:  
62 (A) LENGTH: 27 nucleotides  
63 (B) TYPE: nucleic acid  
64 (C) STRANDEDNESS: single  
65 (D) TOPOLOGY: linear  
66  
67 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
68 TCGCATTACT GATCGTTGCC AACCACT 27  
69  
70 (2) INFORMATION FOR SEQ ID NO: 4:  
71 (i) SEQUENCE CHARACTERISTICS:  
72 (A) LENGTH: 31 nucleotides  
73 (B) TYPE: nucleic acid  
74 (C) STRANDEDNESS: single  
75 (D) TOPOLOGY: linear  
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
77 GTACTGGTTG GCAACGATCA GTAATGCGAT G 31  
78  
79 (2) INFORMATION FOR SEQ ID NO: 5:  
80 (i) SEQUENCE CHARACTERISTICS:  
81 (A) LENGTH: 28 nucleotides  
82 (B) TYPE: nucleic acid  
83 (C) STRANDEDNESS: single  
84 (D) TOPOLOGY: linear  
85 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
86 CGGATTTGCT GGTATCTATG ACAAGGAT 28  
87  
88 (2) INFORMATION FOR SEQ ID NO: 6:  
89 (i) SEQUENCE CHARACTERISTICS:  
90 (A) LENGTH: 31 nucleotides  
91 (B) TYPE: nucleic acid  
92 (C) STRANDEDNESS: single  
93 (D) TOPOLOGY: linear  
94 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
95 TTCATCCTTG TCATAGATAC CAGCAAATCC G 31  
96  
97 (2) INFORMATION FOR SEQ ID NO: 7:  
98 (i) SEQUENCE CHARACTERISTICS:  
99 (A) LENGTH: 25 nucleotides

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/207,170ADATE: 03/01/1999  
TIME: 14:08:53

INPUT SET: S30853.raw

100 (B) TYPE: nucleic acid  
101 (C) STRANDEDNESS: single  
102 (D) TOPOLOGY: linear  
103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
104 TCACCCACAC TGTGCCCATC TACGA 25  
105  
106 (2) INFORMATION FOR SEQ ID NO:8:  
107 (i) SEQUENCE CHARACTERISTICS:  
108 (A) LENGTH: 25 nucleotides  
109 (B) TYPE: nucleic acid  
110 (C) STRANDEDNESS: single  
111 (D) TOPOLOGY: linear  
112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
113 CAGCGGAACC GCTCATTGCC AATGG 25  
114  
115 (2) INFORMATION FOR SEQ ID NO:9:  
116 (i) SEQUENCE CHARACTERISTICS:  
117 (A) LENGTH: 26 nucleotides  
118 (B) TYPE: nucleic acid  
119 (C) STRANDEDNESS: single  
120 (D) TOPOLOGY: linear  
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
122 ATGCCCTCCC CCATGCCATC CTGCGT 26  
123  
124 (2) INFORMATION FOR SEQ ID NO:10:  
125 (i) SEQUENCE CHARACTERISTICS:  
126 (A) LENGTH: 30 nucleotides  
127 (B) TYPE: nucleic acid  
128 (C) STRANDEDNESS: single  
129 (D) TOPOLOGY: linear  
130 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
131 AGACGCAGGA TGGCATGGGG GAGGGCATAC 30  
132  
133 (2) INFORMATION FOR SEQ ID NO:11:  
134 (i) SEQUENCE CHARACTERISTICS:  
135 (A) LENGTH: 24 nucleotides  
136 (B) TYPE: nucleic acid  
137 (C) STRANDEDNESS: single  
138 (D) TOPOLOGY: linear  
139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
140 CGCCCTGGAC TTCGAGCAAG AGAT 24  
141  
142 (2) INFORMATION FOR SEQ ID NO:12:  
143 (i) SEQUENCE CHARACTERISTICS:  
144 (A) LENGTH: 28 nucleotides  
145 (B) TYPE: nucleic acid  
146 (C) STRANDEDNESS: single  
147 (D) TOPOLOGY: linear  
148 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
149 CCATCTCTTG CTCGAAGTCC AGGGCGAC 28  
150  
151 (2) INFORMATION FOR SEQ ID NO:13:  
152 (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/207,170ADATE: 03/01/1999  
TIME: 14:08:54

INPUT SET: S30853.raw

153 (A) LENGTH: 21 nucleotides  
154 (B) TYPE: nucleic acid  
155 (C) STRANDEDNESS: single  
156 (D) TOPOLOGY: linear  
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
158 CAAGCTTCCC GTTCTCAGCC T 21  
159  
160 (2) INFORMATION FOR SEQ ID NO:14:  
161 (i) SEQUENCE CHARACTERISTICS:  
162 (A) LENGTH: 30 nucleotides  
163 (B) TYPE: nucleic acid  
164 (C) STRANDEDNESS: single  
165 (D) TOPOLOGY: linear  
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
167 ACCGTCAAGG CTGAGAACGG GAAGCTTGTC 30

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/207,170A**

DATE: 03/01/1999  
TIME: 14:08:54

*INPUT SET: S30853.raw*

Line

Error

Original Text